

IN THE CLAIMS:

Claims 1-12 have been amended herein. Claims 13-14 have been cancelled. Please note that all claims currently pending and under consideration in the referenced application are shown below. Please enter these claims as amended. This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently amended) A kitchen-range (1) of the type that has a cooking top (13) comprising at least one surface (22), wherein at least one heating device (15) and a support means (14), especially a grate, are arranged, and a cover (16) that can cover it at least partly; the kitchen-range (1) being characterized by further comprising:
a first cleaning-element spraying assembly (6,7), arranged in the cooking top (13), said at least one surface (22) of the latter being inclined with respect to the horizontal plane, so the sprayed elements can flow into a drain opening (8) connected to a re-feeding circuit (4,5,19) for feeding cleaning elements back to said first spraying assembly (6,7);
a cleaning-element delivering valve (20a) connecting an external source to said circuit, and a cleaning-element draining valve (20b) connecting the circuit to an external drain means;
and
control means (51) to open and close the valves, enabling the cleaning elements to get into and out of the cleaning circuit, and to turn on and off said valves (20a,20b), initiating and finishing the circulation of the cleaning elements in the circuit.

2. (Currently amended) [[A]] The kitchen-range (1) according to claim 1, characterized in that wherein said re-feeding circuit comprises at least one first conduit (5) connecting the drain opening (8) to a propelling means, and at least one second conduit (4) connecting the propelling means to the first spraying assembly (6,7).

3. (Currently amended) A kitchen-range (1) according to claim 1, characterized by of the type that has a cooking top comprising at least one surface, wherein at least one heating device and a support means, especially a grate, are arranged, and a cover that can cover it at least partly; the kitchen-range further comprising:
a first cleaning-element spraying assembly, arranged in the cooking top, said at least one surface of the latter being inclined with respect to the horizontal plane, so the sprayed elements can flow into a drain opening connected to a re-feeding circuit for feeding cleaning elements back to said first spraying assembly;
a cleaning-element delivering valve connecting an external source to said circuit, and a cleaning-element draining valve connecting the circuit to an external drain means;
a control means to open and close the valves, enabling the cleaning elements to get into and out of the cleaning circuit, and to turn on and off said valves, initiating and finishing the circulation of the cleaning elements in the circuit; and
including an oven (100) of the type that comprises a cooking chamber (113) with heating devices (115), support means (114), especially grates, arranged in the chamber (113), and a cover (116) to cover it, the oven (100) comprising:
a second cleaning-element spraying assembly (107) arranged in the cooking chamber (113), the base surface (122) of the latter being inclined, so that the sprayed elements can flow to a portion where the second drain opening (108) is arranged; and
at least one third conduit (105) connecting the second drain opening (108) to the a propelling means, and at least one fourth conduit (104) connecting the propelling means to the second spraying assembly (107), so that the second opening (108), the third conduit (105), the propelling means, the fourth conduit (104), the second spraying conduit (107) and the base surface (122) will form a cleaning-element circuit.

4. (Currently amended) [[A]] The kitchen-range according to claim 1, characterized in that wherein the cleaning elements are cleaning liquids.

5. (Currently amended) [[A]] The kitchen-range according to claim 1, characterized in that wherein the propelling means are is a pump (19).

6. (Currently amended) [[A]] The kitchen-range according to claim 1, characterized in that wherein the cleaning-element delivering valve (9) is connected to the entrance of the pump (19) by means of a reservoir (2).

7. (Currently amended) [[A]] The kitchen-range according to claim 6, characterized in that wherein the circuit comprises cleaning-element heating means.

8. (Currently amended) [[A]] The kitchen-range according to claim 1, characterized in that wherein the spraying means ~~consist of~~ comprises at least one spraying arm (7, 107) and a sprayer (6).

9. (Currently amended) [[A]] The kitchen-range according to claim 1, characterized in that wherein the first (8) and the second (108) openings include filters (21, 121) a filter.

10. (Currently amended) [[A]] The kitchen-range according to claim 1, characterized in that wherein the control means (51) comprise ~~at least one from~~ is selected from the group consisting of an electronic circuit and, a timer, and an electronic circuit and a timer.

11. (Currently amended) A kitchen-range according to claim 1, further comprising of the type that has a cooking top comprising at least one surface, wherein at least one heating device and a support means, especially a grate, are arranged, and a cover that can cover it at least partly; the kitchen-range further comprising:

a first cleaning-element spraying assembly, arranged in the cooking top, said at least one surface of the latter being inclined with respect to the horizontal plane, so the sprayed elements can flow into a drain opening connected to a re-feeding circuit for feeding cleaning elements back to said first spraying assembly;

a cleaning-element delivering valve connecting an external source to said circuit, and a cleaning-element draining valve connecting the circuit to an external drain means;

a control means to open and close the valves, enabling the cleaning elements to get into and out of the cleaning circuit, and to turn on and off said valves, initiating and finishing the circulation of the cleaning elements in the circuit; and

at least one pump in fluid communication with said valves (9, 10).

12. (Currently amended) A kitchen-range according to claim 1, characterized in that of the type that has a cooking top comprising at least one surface, wherein at least one heating device and a support means, especially a grate, are arranged, and a cover that can cover it at least partly; the kitchen-range further comprising:

a first cleaning-element spraying assembly, arranged in the cooking top, said at least one surface of the latter being inclined with respect to the horizontal plane, so the sprayed elements can flow into a drain opening connected to a re-feeding circuit for feeding cleaning elements back to said first spraying assembly;

a cleaning-element delivering valve connecting an external source to said circuit, and a cleaning-element draining valve connecting the circuit to an external drain means; and a control means to open and close the valves, enabling the cleaning elements to get into and out of the cleaning circuit, and to turn on and off said valves, initiating and finishing the circulation of the cleaning elements in the circuit; and

wherein said first cleaning-element spraying assembly (6, 7) is arranged on said at least one surface (22) of the cooking top (13) and/or at the cover (16) of the kitchen-range.

13. and 14. (Cancelled).